

IOWA STATE UNIVERSITY



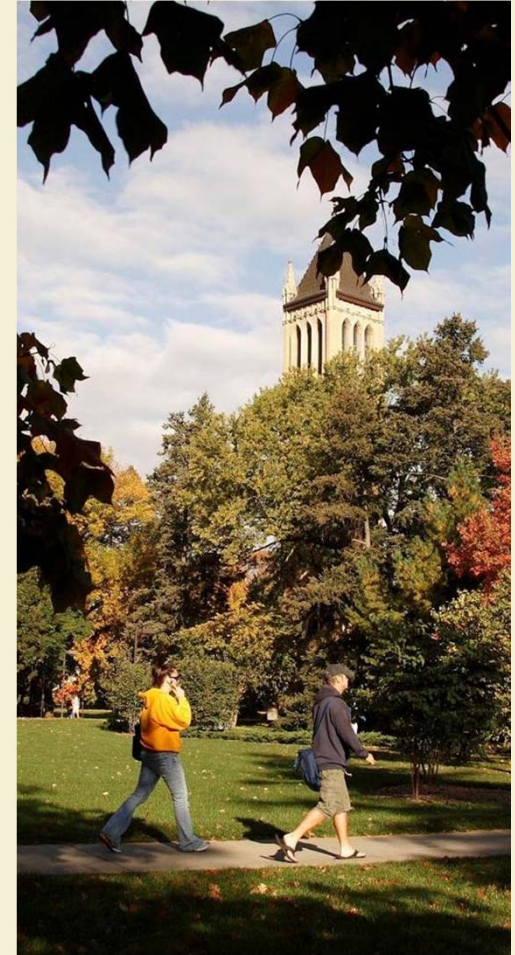
Legislative Fiscal Committee

October 18, 2011

IOWA STATE UNIVERSITY

Iowa State University of Science & Technology

- **Iowa's Land-Grant university**
 - Unwavering commitment to serving Iowans
- **Iowa's university focused on science & technology**
- **Member of Association of American Universities (AAU)**
 - Top 61 North American universities
- ***USA Today/Princeton Review* 2011 “Top 50 Best Value”**
 - Low tuition
 - High-quality educational programs



IOWA STATE UNIVERSITY

Our Land-Grant Mission

Dedicated to:

- **Providing a superior education to students**
 - Record 29,887 students in fall 2011; 68% of undergraduates are lowans
- **Making a better Iowa through research**
 - \$342.3M in external grants & contracts; strong focus on practical research applied to meeting the needs of Iowa
 - An engine for economic development
- **Serving Iowa through extension & outreach**
 - >900,000 lowans served in FY2011
 - >1,200 Iowa companies assisted in FY2011
 - >6,000 jobs added or retained in FY2011



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Incentive Driven Budgeting

1. Success driven, focused on students

- Each college receives tuition & indirect cost revenue based upon enrollment & sponsored funding generated
- College deans balance revenues & expenditures to create optimal learning & research environment
 - Determine staffing levels in response to college's enrollment & research funding levels
 - Determine compensation for faculty & staff
 - Charged utilities & rent for space use
 - Charged for central administrative support services, such as campus security & human resource services

Incentive Driven Budgeting

2. Priority driven, focused on core mission

State appropriations strategically distributed across the university based upon strategic plan priorities & core mission responsibilities

- **Priorities from ISU's Strategic Plan, e.g.:**
 - Learning Communities to enhance student success
 - Research infrastructure to leverage faculty success
- **Priorities from Regents Strategic Plan, e.g.:**
 - Enhancing student retention & graduation rates
- **Core mission responsibilities:**
 - Campus security & physical plant
 - Extension, outreach & economic development
 - Central research & student support services

Incentive Driven Budgeting

3. Efficiency driven, focused on effectiveness

- ISU's central administration & support services supported by state appropriations & charging the colleges
- Iowa State has one of the lowest administrative costs among its Big 12 & peer universities
 - Held the line on benefits cost increases to 5% & passed additional increases on to employees
 - Reduced IT workforce by 36 positions by implementing many technology efficiencies
 - Moving quickly to lower costs (“virtual desktops”)

Incentive Based Budgeting

4. Results driven, focused on outcomes

- Incentive based budgeting used for the last 4 fiscal years
- Central leadership sets priorities & general direction for colleges
- Results include:
 - Reduced workforce through forced layoffs, position eliminations, early retirement
 - Held faculty & P&S staff salaries nearly constant with pay freeze in 2010 & minimal, targeted increases in 2011
 - Mandatory furloughs in 2010, amounting to ~3% reduction in pay
 - Eliminated or downsized research centers & institutes, saving \$2.6M
 - College of Engineering reorganized & eliminated 29 staff positions; College of Design centralized & reduced administration, eliminating 6 positions
 - Significantly reorganized ISU Extension, resulting in elimination of many staff positions & field offices
 - Continuing to consolidate academic departments & eliminate programs

Strengthening Iowa's Economy

DuPont Danisco

- Cellulosic ethanol production facility to be built in Nevada, Iowa
- Chose Iowa because of ISU's investments & many strengths in biorenewables, and ISU's strong partnership with DuPont subsidiary Pioneer Hi-Bred
- \$275.5M investment
- Open in 2013 & employ 60 people
- Process 300,000 tons of cellulosic material annually
- Annual economic impact for Iowa of >\$30M



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Strengthening Iowa's Economy

Laboratoria Hipra

- Multinational animal health company based in Spain
- North American HQ, R&D, production facility to be in ISU Research Park
- Chose Iowa because of ISU's strengths in animal health & biologics, infrastructure support, proximity to NADL
- \$68M capital investment
- Phase I to have 60 employees; grow to 85 in 3 years
- >\$10M annual economic impact for Iowa



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Strengthening Iowa's Economy

WebFilings

- High-growth company develops cloud-based SEC reporting software
- Founded in 2008; today employs 141 in ISU Research Park; growing to 345 employees in 4 years
- Scaling rapidly, already serves hundreds of public companies, including many in the Fortune 100
- Chose Iowa because of access to Ames-area & ISU talent pool, Research Park infrastructure and experience, state & local government support
- Direct economic impact for Iowa of >\$165M through 2015

webFilings™



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Sponsored Funding

Recent major grants:

- **Climate Change, Mitigation & Adaptation in Corn-Based Cropping Systems; PI Lois Morton; \$20M (USDA-NIFA)**
- **Harnessing Energy Flows in the Biosphere to Build sustainable Energy Systems; PI Robert Brown; \$20M (NSF EPSCoR)**
- **Enhancing B Cell Immunity Against HIV-1 Using Novel Vaccine Delivery Platforms; PI Michael Cho; \$6.8M (NIH)**
- **Agri-ecosystem Approach to Sustainable Biofuels Production via the Pyrolysis-Biochar Platform; PI Ken Moore; \$24.6M (USDA-NIFA)**



Dan Shechtman: 2011 Nobel Laureate in Chemistry!

**ISU professor of materials
science & engineering**

**Ames Lab research
scientist**

**Philip Tobias Professor
of Materials Science,
Technion–Israel Institute
of Technology**

**“Discoverer of
quasicrystals”**



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